Claims

[c1] 1. A data processing system-implemented method of tracking movement between network addresses comprising:
receiving a first frame identifier and a first network address at a first time;
finding a record including the first frame identifier, a second network address, and a second time, wherein the second time precedes the first time; and
generating an entry for a table that includes the first frame identifier, the first network address, the second network address, and a third time.

[c2] 2. The method of claim 1, wherein the first time and the third time are substantially a same time.

[c3] 3. The method of claim 1, further comprising sending a view to a user before receiving the first frame and the first network address, wherein the view includes the first frame and a second frame having a second frame identifier.

[c4] 4. The method of claim 3, further comprising generating a node diagram illustrating a sequence of network addresses that originated from the first frame but not the second frame.

[c5] 5. The method of claim 1, further comprising, in response to receiving, sending a view corresponding to the first network address to a computer that requested the first network address.

[c6] 6. The method of claim 1, further comprising generating a statement of activity, wherein:
the first network address is significantly owned or controlled by a first party;
the second network address is significantly owned or controlled by a second party;
the first party is not significantly owned or controlled by the second party, and the second party is not significantly owned or controlled by the first party; and
the statement indicates that a user activated the second network address

from the first network address.

[c7] 7. The method of claim 1, wherein:
receiving further comprises receiving a user identifier; and
the second time is closest in time to the first time for the user identifier and frame identifier.

[c8] 8. A data processing system-implemented method of tracking movement between network addresses comprising:
displaying a first view to a user, wherein the first view includes a first frame having a first frame identifier and a second frame having a second frame identifier;
receiving a first request for a first network address from the user, wherein the first request is generated by the user activating a first object within the first frame;
sending the first frame identifier and the first network address at a first time;
finding a record including the first frame identifier, a second network address, and a second time, wherein, for the first frame identifier, the second time precedes the first time; and
generating a first entry for a table that includes the first frame identifier, the first network address, the second network address, and a third time.

[c9] 9. The method of claim 8, wherein the first time and the third time are substantially a same time.

[c10] 10. The method of claim 8, further comprising displaying a second view corresponding to the first network address to the user.

[c11] 11. The method of claim 8, wherein the second time is closest in time to the first time for the first frame identifier.

[c12] 12. The method of claim 8, further comprising:
receiving a second request for a third network address from the user, wherein the second request is generated by the user activating a second object within the second frame;

sending the second frame identifier and the third network address at a fourth time;

finding a record having the second frame identifier, a fourth network address, and a fifth time, wherein, for the second frame identifier, the fifth time precedes and is closest in time to the fourth time; and

generating a second entry for the table that includes the second frame identifier, the third network address, the fourth network address, and a sixth time.

[c13] 13. A data processing system readable medium having code embodied therein, the code including instructions executable by a data processing system, wherein the instructions are configured to cause the data processing system to perform a method of tracking movement between network addresses, the method comprising:

receiving a first frame identifier and a first network address at a first time;

finding a record including the first frame identifier, a second network address, and a second time, wherein the second time precedes the first time; and

generating an entry for a table that includes the first frame identifier, the first network address, the second network address, and a third time.

[c14] 14. The data processing system readable medium of claim 13, wherein the first time and the third time are substantially a same time.

[c15] 15. The data processing system readable medium of claim 13, wherein the method further comprises sending a view to a user before receiving the first frame and the first network address, wherein the view includes the first frame and a second frame having a second frame identifier.

[c16] 16. The data processing system readable medium of claim 15, wherein the method further comprises generating a node diagram illustrating a sequence of network addresses that originated from the first frame but not the second frame.

[c17] 17. The data processing system readable medium of claim 13, wherein the method further comprises, in response to receiving, sending a view corresponding to the first network address to a computer that requested the first network address.

[c18] 18. The data processing system readable medium of claim 13, wherein the method further comprises generating a statement of activity, wherein:
the first network address is significantly owned or controlled by a first party;
the second network address is significantly owned or controlled by a second party;
the first party is not significantly owned or controlled by the second party, and the second party is not significantly owned or controlled by the first party; and
the statement indicates that a user activated the second network address from the first network address.

[c19] 19. The data processing system readable medium of claim 13, wherein:
receiving further comprises receiving a user identifier; and
the second time is closest in time to the first time for the user identifier and frame identifier.

[c20] 20. A data processing system readable medium having code embodied therein, the code including instructions executable by a data processing system, wherein the instructions are configured to cause the data processing system to perform a method of tracking movement between network addresses, the method comprising:
displaying a first view to a user, wherein the first view includes a first frame having a first frame identifier and a second frame having a second frame identifier;
receiving a first request for a first network address from the user, wherein the first request is generated by the user activating a first object within the first frame;
sending the first frame identifier and the first network address at a first time;

finding a record including the first frame identifier, a second network address, and a second time, wherein, for the first frame identifier, the second time precedes the first time; and

generating a first entry for a table that includes the first frame identifier, the first network address, the second network address, and a third time.

[c21] 21. The data processing system readable medium of claim 20, wherein the first time and the third time are substantially a same time.

[c22] 22. The data processing system readable medium of claim 20, further comprising displaying a second view corresponding to the first network address to the user.

[c23] 23. The data processing system readable medium of claim 20, wherein the second time is closest in time to the first time for the first frame identifier.

[c24] 24. The data processing system readable medium of claim 20, further comprising:

receiving a second request for a third network address from the user, wherein the second request is generated by the user activating a second object within the second frame;

sending the second frame identifier and the third network address at a fourth time;

finding a record having the second frame identifier, a fourth network address, and a fifth time, wherein, for the second frame identifier, the fifth time precedes and is closest in time to the fourth time; and

generating a second entry for the table that includes the second frame identifier, the third network address, the fourth network address, and a sixth time.

Figures